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CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT  
BY FARM OPERATORS, BY STATES, 1960 (Revised)

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UNITED STATES DEPARTMENT OF AGRICULTURE  
Farmer Cooperative Service  
Purchasing Division  
Farm Supplies Branch

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ESTIMATES OF CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT BY FARM  
OPERATORS, BY STATES, 1960 (Revised)

The following tables were prepared from basic data on production expenses of farm operators developed by the Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Such production expenses were presented in preliminary form in the July 19, 1961 issue of The Farm Income Situation, and in revised form in the July 26, 1962 issue of The Farm Income Situation, FIS-187.

In preparing estimates of cash expenditures for production supplies and equipment from these data, estimates of amounts spent for labor or services and other nonsupply items used in farm production were excluded. The totals of such items for the United States are shown in table 2, and the basis for excluding specified items is included in the footnotes to tables 1 and 2.

Although estimates for some items were made from limited data, they were based on the best information currently available and should prove useful in making analyses and determining trends on a State and regional basis.

Table 1.--Estimated Cash Expenditures for Production Supplies and Equipment by Farm Operators,  
United States, 1960 (Revised)

Item	:	1960
		<u>Thousands</u>
<b>Feed, seed, fertilizer and lime:</b>		
Feed 1/.....		\$4,842,100
Seed 2/.....		529,500
Fertilizer and lime 3/.....		1,461,900
Total.....		<u>6,833,500</u>
<b>Repairs and operation of capital items:</b>		
Building materials 4/ (see expenditures for capital items below).....		433,500
Petroleum fuel and oil for motor vehicles 5/.....		1,544,973
Repair parts, tires and batteries for motor vehicles 6/.....		493,395
Repair parts and tires for other farm machinery 7/.....		<u>250,655</u>
Total.....		2,722,523
<b>Miscellaneous operating supplies:</b>		
Miscellaneous hardware 8/.....		166,756
Small hand tools.....		29,629
Containers.....		129,108
Binding materials.....		68,396
Pesticides 9/.....		287,200
Veterinary medicines 10/.....		115,613
Greenhouse and nursery supplies.....		50,099
Dairy supplies 11/.....		52,923
Harness and saddlery.....		<u>8,000</u>
Total.....		<u>907,724</u>
Total current operating supplies and equipment.....		<u>10,463,747</u>
<b>Cash expenditures for capital items: 12/</b>		
Building materials 13/.....		1,122,300
Tractors.....		499,801
Trucks.....		471,380
Automobiles 14/.....		345,220
Other farm machinery and equipment.....		<u>1,272,000</u>
Total capital items.....		<u>3,710,701</u>
Grand total - all supplies and equipment.....		14,174,448

1-14/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers cash expenditures for labor or services and other nonsupply items used in farm production.

Note: Cash expenditures by farmers for services and other nonsupply items were \$11,596 million in 1960 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$25,770 million in 1960. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$26,242 million in 1960.

Cash receipts from farming totaled \$34,012 million in 1960. Cash expenditures for production supplies and equipment, therefore, were equivalent to 41.6 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supplies and services, accounted for 75.8 percent of cash receipts from farming in 1960.

See Farm Income Situation, July 26, 1962, Economic Research Service, U. S. Department of Agriculture.

Footnotes for Table 1

- 1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stockyards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by a tenant to his landlord for feed grown on the tenant farm were to be excluded."
- 2/ Includes seed transactions among farmers estimated at 10 percent of total.
- 3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.
- 4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total expenditures for repairs and maintenance of farm buildings.
- 5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."
- 6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 30 percent of repair expenses for automobiles, 33 percent for trucks, and 61 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U. S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.
- 7/ Excludes labor estimated at 43 percent of total repair business.
- 8/ Includes blacksmithing and horseshoeing expense.
- 9/ Pesticides do not contain about \$43 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.
- 10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$43 million.
- 11/ Excludes dairy equipment. It is included with "Other machinery and equipment."
- 12/ Compiled by Farmer Cooperative Service as follows: The ratio of U. S. total farm depreciation and other capital consumption to the U. S. total gross farm capital expenditures was applied to the State data on depreciation and other capital consumption.
- 13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing equipment; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total.
- 14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.

Table 2.--Estimated Cash Expenditures for Services and Other Nonsupply Production Items by Farm Operators, United States, 1960 (Revised)

Item	:	1960
		<u>Thousands</u>
<b>Livestock, labor, taxes, interest, and rent:</b>		
Livestock purchased.....		\$2,528,000
Hired labor <u>1/</u> .....		2,523,000
Taxes on farm property.....		1,549,000
Interest on farm mortgage debt.....		636,000
Net rent to nonfarm landlords.....	<u>2/</u>	<u>1,021,000</u>
Total.....		8,257,000
<b>Miscellaneous current operating expenses:</b>		
Fire, wind, and crop hail insurance.....		177,511
Veterinary fees <u>3/</u> .....		49,549
Hired hauling of milk.....		184,770
Ginning.....		219,967
Crop insurance - FCIC.....		9,021
Tolls for sugar cane and sorgo syrup.....		2,258
Short-term interest on non-real-estate debts.....		671,835
Electricity.....		147,488
Grazing permits.....		10,005
Irrigation.....		105,688
Telephones.....		132,835
Marketing livestock charges.....		<u>116,222</u>
Total.....		1,827,149
<b>Repairs and operation of capital items:</b>		
Labor for repair of motor vehicles <u>4/</u> .....		510,469
Insurance & license fees for motor vehicles.....		293,268
Labor for repair of other farm machinery <u>5/</u> .....		189,091
Labor for repair of buildings <u>6/</u> .....		<u>144,500</u>
Total.....		1,137,328
<b>Expenditures for new capital items: <u>7/</u></b>		
Labor for new buildings <u>8/</u> .....		<u>374,100</u>
<b>Grand total--all services and other nonsupply items.....</b>		<b>11,595,577</b>

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating" was \$2,955 million because perquisites were included.)

2/ Net rent was \$1,007 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

3/ Estimated to represent 30 percent of total for medicines and service fees.

4/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 30 percent for automobiles, 33 percent for trucks, and 61 percent for tractors.

5/ Estimated to represent 43 percent of total for parts, tires, and labor.

6/ Estimated to represent 25 percent of total for building materials and labor.

7/ Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

8/ Estimated to represent 25 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operators' dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture.  
Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production.

Note: Cash expenditures for farm supply and equipment items were \$14,174 million in 1960 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$25,770 million in 1960. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "Production expenditures," plus other minor changes, totaled \$26,242 million in 1960. See Farm Income Situation, July 1962, Economic Research Service, USDA.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1960 (Revised)

State and area	Feed, seed, and fertilizer and lime				Total
	Feed 1/	Seed 2/	Fertilizer and lime 3/		
	<u>Millions</u>				
<b>North Atlantic:</b>					
Maine.....	\$46.9	\$3.6	\$9.5		\$60.0
New Hampshire.....	18.5	.5	1.3		20.3
Vermont.....	41.0	1.3	3.2		45.5
Massachusetts.....	38.9	2.4	4.6		45.9
Rhode Island.....	4.9	.7	.9		6.5
Connecticut.....	39.2	2.7	6.0		47.9
New York.....	192.1	17.8	36.9		246.8
New Jersey.....	69.1	6.9	12.5		88.5
Pennsylvania.....	193.5	14.3	38.2		246.0
<b>East North Central:</b>					
Ohio.....	140.5	21.3	63.3		225.1
Indiana.....	175.8	19.1	77.3		272.2
Illinois.....	243.5	36.7	97.1		377.3
Michigan.....	72.1	14.7	39.7		126.5
Wisconsin.....	155.9	19.5	35.3		210.7
<b>West North Central:</b>					
Minnesota.....	197.9	27.1	40.0		265.0
Iowa.....	407.8	38.6	59.9		506.3
Missouri.....	175.9	17.1	55.9		248.9
North Dakota.....	19.7	13.5	11.9		45.1
South Dakota.....	60.0	11.1	3.7		74.8
Nebraska.....	154.4	15.5	32.4		202.3
Kansas.....	119.7	23.8	21.6		165.1
<b>South Atlantic:</b>					
Delaware.....	39.8	1.5	5.1		46.4
Maryland.....	66.9	4.6	16.3		87.8
Virginia.....	67.9	8.0	37.8		113.7
West Virginia.....	21.6	1.6	4.2		27.4
North Carolina.....	105.1	9.8	77.9		192.8
South Carolina.....	28.7	4.5	34.7		67.9
Georgia.....	156.3	9.7	80.9		246.9
Florida.....	71.4	12.4	72.8		156.6
<b>South Central:</b>					
Kentucky.....	54.9	8.4	31.4		94.7
Tennessee.....	58.1	8.9	35.7		102.7
Alabama.....	95.0	8.1	53.2		156.3
Mississippi.....	79.6	7.5	40.7		127.8
Arkansas.....	101.9	8.6	25.8		136.3
Louisiana.....	42.1	4.4	20.5		67.0
Oklahoma.....	95.2	11.7	11.0		117.9
Texas.....	287.5	32.7	51.0		371.2
<b>Western:</b>					
Montana.....	23.7	4.6	14.3		42.6
Idaho.....	39.4	8.2	42.9		90.5
Wyoming.....	19.4	1.2	1.5		22.1
Colorado.....	95.4	8.2	7.0		110.6
New Mexico.....	30.8	2.1	2.6		35.5
Arizona.....	41.4	3.9	13.5		58.8
Utah.....	27.7	2.2	2.5		32.4
Nevada.....	7.0	.5	.1		7.6
Washington.....	73.4	7.8	17.5		98.7
Oregon.....	55.7	6.7	13.7		76.1
California.....	488.9	33.5	96.1		618.5
United States.....	4,842.1	529.5	1,461.9		6,833.5

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1960 (Continued)

State and area	Repairs and operation of capital items					Total
	: Building	Petroleum fuel and materials	Repair parts, tires, and batteries for motor vehicles	Repair parts & tires for other farm machinery		
	: materials	: oil for motor	: for motor vehicles 5/	: machinery		
	: 4/	: vehicles	5/	6/	7/	
						Thousands
North Atlantic:						
Maine.....	\$2,118	\$6,124	\$2,209	\$1,354	\$11,805	
New Hampshire.....	1,079	1,988	755	251	4,073	
Vermont.....	2,153	4,603	1,468	802	9,026	
Massachusetts.....	2,879	5,119	1,572	827	10,397	
Rhode Island.....	508	645	243	150	1,546	
Connecticut.....	2,752	3,879	1,466	677	8,774	
New York.....	15,051	36,429	11,416	6,943	69,839	
New Jersey.....	4,732	10,037	3,023	1,779	19,571	
Pennsylvania.....	15,610	35,431	11,998	6,818	69,857	
East North Central:						
Ohio.....	22,952	52,731	16,105	8,798	100,586	
Indiana.....	22,107	52,325	17,027	8,948	100,407	
Illinois.....	25,237	95,812	26,011	17,295	164,355	
Michigan.....	18,082	40,390	13,065	7,520	79,057	
Wisconsin.....	20,881	55,208	16,567	11,806	104,462	
West North Central:						
Minnesota.....	21,011	80,540	21,395	15,390	138,336	
Iowa.....	23,610	91,976	26,278	17,696	159,560	
Missouri.....	16,522	49,365	18,626	7,119	91,632	
North Dakota.....	5,699	54,954	12,516	10,026	83,195	
South Dakota.....	5,917	44,928	10,779	9,074	70,698	
Nebraska.....	9,743	63,379	16,627	12,132	101,881	
Kansas.....	12,616	65,418	19,860	12,808	110,702	
South Atlantic:						
Delaware.....	1,276	2,757	924	401	5,358	
Maryland.....	6,226	11,320	3,591	1,805	22,942	
Virginia.....	11,638	19,792	8,279	2,732	42,441	
West Virginia.....	3,200	4,339	2,738	651	10,928	
North Carolina.....	15,265	46,540	13,974	3,534	79,313	
South Carolina.....	5,556	18,422	6,446	1,704	32,128	
Georgia.....	8,089	31,302	11,463	2,732	53,586	
Florida.....	5,024	18,029	6,774	1,805	31,632	
South Central:						
Kentucky.....	11,971	22,429	11,194	3,058	48,652	
Tennessee.....	10,870	21,755	11,143	3,058	46,826	
Alabama.....	6,256	18,696	8,708	1,855	35,515	
Mississippi.....	7,334	27,487	11,920	2,432	49,173	
Arkansas.....	6,252	32,228	11,265	2,657	52,402	
Louisiana.....	6,090	20,353	8,422	2,005	36,870	
Oklahoma.....	7,078	31,433	12,798	5,991	57,300	
Texas.....	18,152	121,047	35,973	13,610	188,782	
Western:						
Montana.....	4,315	28,436	7,988	5,088	45,827	
Idaho.....	3,778	21,968	7,064	4,111	36,921	
Wyoming.....	1,390	8,757	2,378	1,453	13,978	
Colorado.....	4,795	26,960	8,015	5,339	45,109	
New Mexico.....	1,246	10,332	2,912	1,329	15,819	
Arizona.....	954	12,579	3,032	1,379	17,944	
Utah.....	1,946	8,764	2,600	1,128	14,438	
Nevada.....	447	2,491	698	326	3,962	
Washington.....	7,558	24,427	9,252	4,988	46,225	
Oregon.....	5,028	20,479	7,351	3,384	36,242	
California.....	20,507	80,570	27,487	13,887	142,451	
United States.....	433,500	1,544,973	493,395	250,655	2,722,523	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1960 (Continued)

State and area	Miscellaneous operating supplies				
	Miscellaneous hardware 8/	Small hand tools	Containers	Binding materials	Pesticides 9/
<u>Thousands</u>					
North Atlantic:					
Maine.....	\$368	\$133	\$4,575	\$358	\$4,493
New Hampshire.....	112	58	389	179	577
Vermont.....	423	102	283	698	967
Massachusetts.....	146	104	1,845	245	1,285
Rhode Island.....	17	11	246	23	214
Connecticut.....	126	81	1,029	224	1,225
New York.....	2,574	607	8,199	3,406	12,879
New Jersey.....	346	141	5,182	333	4,153
Pennsylvania.....	2,545	751	3,608	2,263	8,707
East North Central:					
Ohio.....	5,115	1,071	2,635	2,032	6,127
Indiana.....	5,962	928	1,372	1,525	2,965
Illinois.....	11,154	1,104	1,116	2,782	3,748
Michigan.....	3,546	829	6,343	2,656	9,198
Wisconsin.....	4,984	914	1,341	4,469	3,152
West North Central:					
Minnesota.....	10,042	1,006	1,538	3,568	3,386
Iowa.....	12,140	1,234	133	4,766	4,076
Missouri.....	6,620	1,372	733	2,801	2,608
North Dakota.....	10,339	372	1,434	1,820	2,486
South Dakota.....	8,339	385	55	2,177	2,569
Nebraska.....	9,798	653	392	2,853	2,167
Kansas.....	11,377	732	179	2,655	1,868
South Atlantic:					
Delaware.....	267	39	531	59	704
Maryland.....	813	211	1,040	449	1,834
Virginia.....	1,625	875	2,979	998	5,595
West Virginia.....	460	392	940	395	1,628
North Carolina.....	2,686	1,730	1,864	708	15,562
South Carolina.....	1,491	771	2,062	360	8,065
Georgia.....	2,473	993	1,313	707	11,833
Florida.....	583	406	12,224	287	16,148
South Central:					
Kentucky.....	2,196	1,196	409	1,395	3,818
Tennessee.....	2,221	1,273	607	1,023	2,151
Alabama.....	1,984	1,032	1,284	635	4,512
Mississippi.....	2,424	1,221	162	820	13,259
Arkansas.....	2,919	849	1,109	762	8,424
Louisiana.....	1,283	718	574	407	8,381
Oklahoma.....	5,042	705	184	1,717	3,810
Texas.....	12,264	1,842	3,026	2,354	16,044
Western:					
Montana.....	4,417	219	147	1,393	3,593
Idaho.....	1,963	254	5,767	1,428	2,504
Wyoming.....	902	72	73	612	498
Colorado.....	3,369	269	2,783	1,346	3,058
New Mexico.....	621	133	727	694	1,570
Arizona.....	629	65	6,034	1,013	8,448
Utah.....	572	150	380	621	1,290
Nevada.....	188	19	64	258	221
Washington.....	2,180	418	2,269	895	7,938
Oregon.....	1,424	346	1,866	964	6,749
California.....	3,687	843	36,063	4,263	50,713
United States.....	166,756	29,629	129,108	68,396	287,200

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1960 (Continued)

State and area	Miscellaneous operating supplies (continued)					<u>Thousands</u>
	Veterinary medicines <u>10/</u>	Greenhouse & nursery supplies	Dairy supplies <u>11/</u>	Harness and saddlery	Total	
<u>Thousands</u>						
<b>North Atlantic:</b>						
Maine.....	\$1,555	\$214	\$379	\$21	\$12,096	
New Hampshire.....	318	187	184	10	2,014	
Vermont.....	682	32	919	26	4,132	
Massachusetts.....	539	1,590	370	13	6,137	
Rhode Island.....	81	140	58	3	793	
Connecticut.....	796	1,093	386	10	4,970	
New York.....	3,538	5,492	4,543	124	41,362	
New Jersey.....	615	2,107	536	21	13,434	
Pennsylvania.....	3,621	3,973	3,302	150	28,920	
<b>East North Central:</b>						
Ohio.....	3,450	5,965	2,341	192	28,928	
Indiana.....	4,589	1,828	1,457	137	20,763	
Illinois.....	5,615	3,529	1,840	192	31,080	
Michigan.....	1,775	3,206	2,276	96	29,925	
Wisconsin.....	5,271	1,353	6,967	155	28,606	
<b>West North Central:</b>						
Minnesota.....	5,170	1,497	4,336	158	30,701	
Iowa.....	9,349	2,244	2,530	228	36,700	
Missouri.....	4,770	1,188	1,484	280	21,856	
North Dakota.....	1,100	312	670	158	18,691	
South Dakota.....	2,138	139	543	161	16,506	
Nebraska.....	3,076	240	789	181	20,149	
Kansas.....	2,288	339	866	186	20,490	
<b>South Atlantic:</b>						
Delaware.....	2,051	237	94	8	3,990	
Maryland.....	2,688	726	720	41	8,522	
Virginia.....	2,403	647	985	233	16,340	
West Virginia.....	935	235	302	104	5,391	
North Carolina.....	4,804	498	729	401	28,982	
South Carolina.....	1,000	109	229	186	14,273	
Georgia.....	8,267	219	439	192	26,436	
Florida.....	984	1,384	501	72	32,589	
<b>South Central:</b>						
Kentucky.....	1,618	318	1,014	401	12,365	
Tennessee.....	1,863	455	891	378	10,862	
Alabama.....	4,690	260	404	259	15,060	
Mississippi.....	3,442	55	482	381	22,246	
Arkansas.....	4,578	176	347	212	19,376	
Louisiana.....	1,102	357	323	236	13,381	
Oklahoma.....	1,158	118	548	236	13,518	
Texas.....	5,378	3,016	1,140	629	45,693	
<b>Western:</b>						
Montana.....	529	70	196	236	10,800	
Idaho.....	592	123	777	135	13,543	
Wyoming.....	276	23	83	135	2,674	
Colorado.....	607	580	380	181	12,573	
New Mexico.....	287	16	101	148	4,297	
Arizona.....	274	245	208	140	17,056	
Utah.....	379	80	379	83	3,934	
Nevada.....	111	1	51	52	965	
Washington.....	874	600	932	98	16,204	
Oregon.....	775	577	529	116	13,346	
California.....	<u>3,612</u>	<u>2,306</u>	<u>3,363</u>	<u>205</u>	<u>105,055</u>	
United States.....	115,613	50,099	52,923	8,000	907,724	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1960 (Continued)

State and area	Cash expenditures for capital items 12/			
	Building materials 13/	Tractors	Trucks	Automobiles 14/
	<u>Thousands</u>			
<b>North Atlantic:</b>				
Maine.....	\$5,411	\$1,899	\$2,889	\$1,637
New Hampshire.....	2,776	705	1,135	646
Vermont.....	5,404	1,778	1,666	1,251
Massachusetts.....	7,289	1,287	2,058	1,164
Rhode Island.....	1,294	176	319	156
Connecticut.....	6,997	1,197	1,838	995
New York.....	40,544	14,794	11,094	8,862
New Jersey.....	12,401	2,638	3,493	1,766
Pennsylvania.....	41,012	15,443	11,909	10,773
<b>East North Central:</b>				
Ohio.....	59,482	21,836	13,605	15,377
Indiana.....	57,133	19,935	14,713	13,359
Illinois.....	62,754	30,939	18,968	16,415
Michigan.....	47,048	18,113	12,632	12,433
Wisconsin.....	51,793	25,005	15,113	14,579
<b>West North Central:</b>				
Minnesota.....	53,482	29,427	17,253	16,269
Iowa.....	58,537	34,978	16,647	19,529
Missouri.....	43,884	20,432	18,303	14,370
North Dakota.....	14,067	12,913	12,592	6,341
South Dakota.....	14,896	12,337	8,723	6,324
Nebraska.....	24,518	18,697	13,923	10,495
Kansas.....	32,962	18,525	20,408	11,278
<b>South Atlantic:</b>				
Delaware.....	3,296	881	886	571
Maryland.....	16,233	3,978	3,540	2,699
Virginia.....	30,994	8,017	9,680	7,418
West Virginia.....	8,368	2,346	4,122	2,916
North Carolina.....	40,185	15,004	15,201	14,650
South Carolina.....	15,156	5,190	6,524	6,237
Georgia.....	21,144	9,537	12,145	8,402
Florida.....	13,132	3,821	6,078	3,985
<b>South Central:</b>				
Kentucky.....	30,833	11,033	12,506	11,097
Tennessee.....	28,278	10,433	12,822	10,892
Alabama.....	16,580	7,207	10,581	7,224
Mississippi.....	19,652	9,007	11,929	7,784
Arkansas.....	16,932	8,947	12,206	5,537
Louisiana.....	16,408	5,678	7,868	5,206
Oklahoma.....	18,145	10,916	15,461	7,855
Texas.....	48,548	28,616	33,004	20,048
<b>Western:</b>				
Montana.....	10,874	6,349	8,808	3,317
Idaho.....	9,916	6,077	7,338	3,642
Wyoming.....	3,582	2,212	2,708	1,093
Colorado.....	12,534	6,834	8,632	3,793
New Mexico.....	3,188	1,829	3,383	1,326
Arizona.....	2,456	1,434	2,805	922
Utah.....	5,116	2,326	3,050	1,894
Nevada.....	1,133	565	754	281
Washington.....	19,805	6,734	10,043	5,814
Oregon.....	13,284	6,052	8,163	4,506
California.....	52,844	15,724	21,862	12,092
United States.....	1,122,300	499,801	471,380	345,220

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1960 (Continued)

State and area	Cash expenditures for capital items (continued)			Grand total - all supplies and equipment
	Other	Total capital		
	machinery	expenditures		
	& equipment	excluding labor		
<u>Thousands</u>				
North Atlantic:				
Maine.....	\$6,869	\$18,705		\$102,606
New Hampshire.....	1,272	6,534		32,921
Vermont.....	4,070	14,169		72,827
Massachusetts.....	4,197	15,995		78,429
Rhode Island.....	763	2,708		11,547
Connecticut.....	3,435	14,462		76,106
New York.....	35,234	110,528		468,529
New Jersey.....	9,032	29,330		150,835
Pennsylvania.....	34,598	113,735		458,512
East North Central:				
Ohio.....	44,647	154,947		509,561
Indiana.....	45,410	150,550		543,920
Illinois.....	87,768	216,844		789,579
Michigan.....	38,160	128,386		363,868
Wisconsin.....	59,912	166,402		510,170
West North Central:				
Minnesota.....	78,101	194,532		628,569
Iowa.....	89,803	219,494		922,054
Missouri.....	36,125	133,114		495,502
North Dakota.....	50,880	96,793		243,779
South Dakota.....	46,046	88,326		250,330
Nebraska.....	61,565	129,198		453,528
Kansas.....	65,000	148,173		444,465
South Atlantic:				
Delaware.....	2,035	7,669		63,417
Maryland.....	9,159	35,609		154,873
Virginia.....	13,864	69,973		242,454
West Virginia.....	3,307	21,059		64,778
North Carolina.....	17,935	102,975		404,070
South Carolina.....	8,650	41,757		156,058
Georgia.....	13,864	65,092		392,014
Florida.....	9,158	36,174		256,995
South Central:				
Kentucky.....	15,519	80,988		236,705
Tennessee.....	15,518	77,943		238,331
Alabama.....	9,413	51,005		257,880
Mississippi.....	12,338	60,710		259,929
Arkansas.....	13,483	57,105		265,183
Louisiana.....	10,176	45,336		162,587
Oklahoma.....	30,401	82,778		271,496
Texas.....	69,070	199,286		804,961
Western:				
Montana.....	25,822	55,170		154,397
Idaho.....	20,861	47,834		188,798
Wyoming.....	7,378	16,973		55,725
Colorado.....	27,093	58,886		227,168
New Mexico.....	6,741	16,467		72,083
Arizona.....	6,996	14,613		108,413
Utah.....	5,724	18,110		68,882
Nevada.....	1,653	4,386		16,913
Washington.....	25,313	67,709		228,838
Oregon.....	17,173	49,178		174,866
California.....	70,469	172,991		1,038,997
United States.....	1,272,000	3,710,701		14,174,448

See Table 1, page 2 for source of data and footnotes.

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CASH EXPENDITURES FOR PRODUCTION SUPPLIES  
AND EQUIPMENT BY FARM OPERATORS,  
BY STATES, 1962 (Revised)

U. S. DEPARTMENT OF AGRICULTURE  
NATIONAL AGRICULTURAL MARKETING SERVICE

JULY 10, 1966

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U. S. DEPARTMENT OF AGRICULTURE  
Farmer Cooperative Service  
Purchasing Division  
Farm Supplies Branch

ESTIMATES OF CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT BY FARM OPERATORS, BY STATES, 1962 (Revised)

The following tables were prepared from basic data on production expenses of farm operators developed by the Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Such production expenses were presented in preliminary form in the July 25, 1963 issue of The Farm Income Situation, and in revised form in the July 29, 1964 issue of The Farm Income Situation, FIS-195.

In preparing estimates of cash expenditures for production supplies and equipment from these data, estimates of amounts spent for labor or services and other nonsupply items used in farm production were excluded. The totals of such items for the United States are shown in table 2, and the basis for excluding specified items is included in the footnotes to tables 1 and 2.

Although estimates for some items were made from limited data, they were based on the best information currently available and should prove useful in making analyses and determining trends on a State and regional basis.

Table 1.--Estimated Cash Expenditures for Production Supplies and Equipment by Farm Operators,  
United States, 1962 (Revised)

Item	1962
Feed, seed, fertilizer and lime:	<u>1,000</u>
Feed <u>1/</u> .....	\$5,520,000
Seed <u>2/</u> .....	533,445
Fertilizer and lime <u>3/</u> .....	1,641,330
Total.....	<u>7,694,775</u>
Repairs and operation of capital items:	
Building materials <u>4/</u> (see expenditures for capital items below).....	475,500
Petroleum fuel and oil for motor vehicles <u>5/</u> .....	1,532,667
Repair parts, tires and batteries for motor vehicles <u>6/</u> .....	498,938
Repair parts and tires for other farm machinery <u>7/</u> .....	<u>239,611</u>
Total.....	2,746,716
Miscellaneous operating supplies:	
Miscellaneous hardware <u>8/</u> .....	158,978
Small hand tools.....	28,383
Containers.....	142,205
Binding materials.....	66,706
Pesticides <u>9/</u> .....	394,900
Veterinary medicines <u>10/</u> .....	118,478
Greenhouse and nursery supplies.....	53,504
Dairy supplies <u>11/</u> .....	57,180
Harness and saddlery.....	<u>8,000</u>
Total.....	<u>1,028,334</u>
Total current operating supplies and equipment.....	11,469,825
Cash expenditures for capital items: <u>12/</u>	
Building materials <u>13/</u> .....	1,228,890
Tractors.....	665,420
Trucks.....	455,000
Automobiles <u>14/</u> .....	474,950
Other farm machinery and equipment.....	<u>1,254,570</u>
Total capital items.....	<u>4,078,830</u>
Grand total--all supplies and equipment.....	15,548,655

1-14/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers cash expenditures for labor or services and other nonsupply items used in farm production.

Note: Cash expenditures by farmers for services and other nonsupply items were \$12,724 million in 1962 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$28,273 million in 1962. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$28,340 million in 1962.

Cash receipts from farming totaled \$36,077 million in 1962. Cash expenditures for production supplies and equipment, therefore, were equivalent to 43.1 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supplies and services, accounted for 78.4 percent of cash receipts from farming in 1962.

See Farm Income Situation, July 29, 1964, Economic Research Service, U.S. Department of Agriculture.

Footnotes for Table 1

1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stockyards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by tenant to his landlord for feed grown on the tenant farm were to be excluded."

2/ Includes seed transactions among farmers estimated at 10 percent of total.

3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.

4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total expenditures for repairs and maintenance of farm buildings.

5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."

6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 31 percent of repair expenses for automobiles, 34 percent for trucks, and 61 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U. S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.

7/ Excludes labor estimated at 44 percent of total repair business.

8/ Includes blacksmithing and horseshoeing expense.

9/ Pesticides do not contain about \$47 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.

10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$47 million.

11/ Excludes dairy equipment. It is included with "other machinery and equipment."

12/ Compiled by Farmer Cooperative Service as follows: The ratio of U. S. total farm depreciation and other capital consumption to the U. S. total gross farm capital expenditures was applied to the State data on depreciation and other capital consumption.

13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing equipment; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total.

14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.

Table 2.--Estimated Cash Expenditures for Services and Other Nonsupply Production Items by Farm Operators, United States, 1962 (Revised)

Item	:	1962
Livestock, labor, taxes, interest, and rent:		<u>1,000</u>
Livestock purchased.....	\$3,141,000	
Hired labor <u>1/</u> .....	2,562,000	
Taxes on farm property.....	1,698,000	
Interest on farm mortgage debt.....	758,000	
Net rent to nonfarm landlords.....	<u>2/</u> 1,036,000	
Total.....	9,195,000	
Miscellaneous current operating expenses:		
Fire, wind, and crop hail insurance.....	157,935	
Veterinary fees <u>3/</u> .....	50,776	
Hired hauling of milk.....	183,780	
Ginning.....	253,869	
Crop insurance--FCIC.....	6,150	
Tolls for sugar cane and sorgo syrup.....	2,134	
Short-term interest on non-real-estate debts.....	752,574	
Electricity.....	161,017	
Grazing permits.....	9,914	
Irrigation.....	111,542	
Telephones.....	144,615	
Marketing livestock charges.....	<u>123,137</u>	
Total.....	1,957,443	
Repairs and operation of capital items:		
Labor for repair of motor vehicles <u>4/</u> .....	518,870	
Insurance & license fees for motor vehicles.....	295,880	
Labor for repair of other farm machinery <u>5/</u> .....	188,265	
Labor for repair of buildings <u>6/</u> .....	<u>158,500</u>	
Total.....	1,161,515	
Expenditures for new capital items: <u>7/</u>		
Labor for new buildings <u>8/</u> .....	<u>409,630</u>	
Grand total--all services and other nonsupply items.....	12,723,588	

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating expenses" was \$2,978 million because perquisites were included.)

2/ Net rent was \$1,033 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

3/ Estimated to represent 30 percent of total for medicines and service fees.

4/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 31 percent for automobiles, 34 percent for trucks, and 61 percent for tractors.

5/ Estimated to represent 44 percent of total for parts, tires, and labor.

6/ Estimated to represent 25 percent of total for building materials and labor.

7/ Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

8/ Estimated to represent 25 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operator's dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture.  
Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production.

Note: Cash expenditures for farm supply and equipment items were \$15,549 million in 1962 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$28,273 million in 1962. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$28,340 million in 1962. See Farm Income Situation, July 29, 1964. Economic Research Service, USDA.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1962 (Revised)

State and area	Feed, seed, and fertilizer and lime				Total <u>1,000</u>	
	Feed 1/	Seed 2/	Fertilizer and lime 3/	Total <u>1,000</u>		
<b>North Atlantic:</b>						
Maine.....	\$53,919	\$2,407	\$10,122	\$66,448		
New Hampshire.....	22,020	506	1,179	23,705		
Vermont.....	38,141	746	3,126	42,013		
Massachusetts.....	37,970	3,123	4,348	45,441		
Rhode Island.....	6,504	633	889	8,026		
Connecticut.....	39,030	2,666	5,946	47,642		
New York.....	189,186	16,657	34,784	240,627		
New Jersey.....	60,049	6,812	12,423	79,284		
Pennsylvania.....	195,203	14,495	38,128	247,826		
<b>East North Central:</b>						
Ohio.....	168,611	22,615	62,046	253,272		
Indiana.....	199,703	20,211	82,617	302,531		
Illinois.....	284,861	37,275	122,202	444,338		
Michigan.....	77,975	15,486	40,666	134,127		
Wisconsin.....	170,976	20,686	36,780	228,442		
<b>West North Central:</b>						
Minnesota.....	229,769	27,075	42,900	299,744		
Iowa.....	477,881	38,769	77,776	594,426		
Missouri.....	189,850	16,638	58,521	265,009		
North Dakota.....	28,388	12,780	14,015	55,183		
South Dakota.....	88,696	10,063	6,780	105,539		
Nebraska.....	179,562	15,332	47,796	242,690		
Kansas.....	129,099	22,381	30,887	182,367		
<b>South Atlantic:</b>						
Delaware.....	38,388	1,566	5,267	45,221		
Maryland.....	73,888	5,045	17,813	96,746		
Virginia.....	78,396	7,962	38,601	124,959		
West Virginia.....	23,738	1,566	3,970	29,274		
North Carolina.....	139,854	9,368	79,655	228,877		
South Carolina.....	39,617	4,556	36,373	80,546		
Georgia.....	178,059	10,079	85,234	273,372		
Florida.....	81,907	11,730	76,378	170,015		
<b>South Central:</b>						
Kentucky.....	65,861	8,371	37,995	112,227		
Tennessee.....	68,517	9,127	37,139	114,783		
Alabama.....	117,490	7,636	55,498	180,624		
Mississippi.....	93,933	8,194	40,540	142,667		
Arkansas.....	130,032	9,661	29,078	168,771		
Louisiana.....	49,078	4,286	22,861	76,225		
Oklahoma.....	93,929	12,499	20,300	126,728		
Texas.....	299,933	34,205	74,552	408,690		
<b>Western:</b>						
Montana.....	32,129	4,899	15,404	52,432		
Idaho.....	47,854	6,660	53,908	108,422		
Wyoming.....	17,392	1,257	1,381	20,030		
Colorado.....	105,265	8,275	10,307	123,847		
New Mexico.....	25,800	2,191	3,870	31,861		
Arizona.....	68,710	4,717	15,412	88,839		
Utah.....	36,104	2,393	3,526	42,023		
Nevada.....	8,656	738	209	9,603		
Washington.....	83,920	8,050	28,052	120,022		
Oregon.....	59,019	7,024	16,242	82,285		
California.....	595,138	34,034	97,834	727,006		
United States.....	5,520,000	533,445	1,641,330	7,694,775		

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1962 (Continued)

State and area	Repairs and operation of capital items					<u>1,000</u>
	: Building materials	: Petroleum fuel and oil for motor vehicles	: Repair parts, tires, batteries for motor vehicles	: & tires for batteries for motor vehicles	: other farm machinery	
	4/	5/	6/	7/	Total	
North Atlantic:						
Maine.....	\$2,387	\$6,082	\$2,242	\$1,294	\$12,005	
New Hampshire.....	1,192	1,973	767	240	4,172	
Vermont.....	2,403	4,575	1,487	767	9,232	
Massachusetts.....	3,406	5,093	1,596	791	10,886	
Rhode Island.....	569	641	246	144	1,600	
Connecticut.....	2,992	3,826	1,486	647	8,951	
New York.....	15,284	35,970	11,542	6,637	69,433	
New Jersey.....	5,563	9,977	3,065	1,701	20,306	
Pennsylvania.....	17,817	35,053	12,127	6,517	71,514	
East North Central:						
Ohio.....	27,223	52,472	16,248	8,410	104,353	
Indiana.....	24,023	52,008	17,196	8,554	101,781	
Illinois.....	27,521	94,870	26,248	16,533	165,172	
Michigan.....	18,772	39,773	13,198	7,188	78,931	
Wisconsin.....	22,717	54,646	16,732	11,286	105,381	
West North Central:						
Minnesota.....	20,970	79,286	21,595	14,713	136,564	
Iowa.....	23,726	91,200	26,478	16,916	158,320	
Missouri.....	19,006	48,734	18,834	6,805	93,379	
North Dakota.....	6,942	54,397	12,674	9,584	83,597	
South Dakota.....	6,424	44,331	10,889	8,674	70,318	
Nebraska.....	10,627	62,948	16,799	11,597	101,971	
Kansas.....	10,283	64,117	20,111	12,244	106,755	
South Atlantic:						
Delaware.....	1,371	2,739	935	384	5,429	
Maryland.....	6,934	11,262	3,632	1,725	23,553	
Virginia.....	13,948	19,653	8,384	2,612	44,597	
West Virginia.....	3,217	4,314	2,780	623	10,934	
North Carolina.....	18,292	46,320	14,130	3,378	82,120	
South Carolina.....	5,603	18,302	6,514	1,630	32,049	
Georgia.....	8,847	31,497	11,602	2,612	54,558	
Florida.....	6,188	17,890	6,850	1,725	32,653	
South Central:						
Kentucky.....	14,389	22,327	11,324	2,923	50,963	
Tennessee.....	12,459	21,676	11,277	2,923	48,335	
Alabama.....	8,067	18,590	8,824	1,773	37,254	
Mississippi.....	8,523	27,378	12,062	2,324	50,287	
Arkansas.....	7,383	32,020	11,418	2,540	53,361	
Louisiana.....	6,221	20,252	8,518	1,917	36,908	
Oklahoma.....	7,706	31,352	12,981	5,727	57,766	
Texas.....	18,194	120,937	36,386	13,011	188,528	
Western:						
Montana.....	4,760	28,280	8,100	4,864	46,004	
Idaho.....	4,093	21,693	7,156	3,929	36,871	
Wyoming.....	1,583	8,675	2,412	1,390	14,060	
Colorado.....	5,242	26,776	8,124	5,104	45,246	
New Mexico.....	1,349	10,293	2,955	1,270	15,867	
Arizona.....	1,093	12,503	3,071	1,318	17,985	
Utah.....	2,147	8,724	2,635	1,078	14,584	
Nevada.....	490	2,470	708	311	3,979	
Washington.....	8,078	24,255	9,372	4,768	46,473	
Oregon.....	5,724	20,351	7,448	3,235	36,758	
California.....	23,752	80,166	27,780	13,275	144,973	
United States.....	475,500	1,532,667	498,938	239,611	2,746,716	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1962 (Continued)

State and area	Miscellaneous operating supplies				
	Miscellaneous	Small hand tools	Containers	Binding materials	Pesticides
	hardware 8/				9/
<u>1,000</u>					
North Atlantic:					
Maine.....	\$ 373	\$136	\$5,538	\$337	\$6,178
New Hampshire.....	106	48	299	156	793
Vermont.....	424	95	240	687	1,330
Massachusetts.....	147	90	1,415	214	1,767
Rhode Island.....	18	11	268	25	294
Connecticut.....	128	65	872	179	1,684
New York.....	2,587	616	10,609	2,822	17,709
New Jersey.....	335	112	5,005	243	5,710
Pennsylvania.....	2,574	739	3,629	1,642	11,972
East North Central:					
Ohio.....	4,903	1,070	2,507	1,741	8,425
Indiana.....	5,756	970	1,405	1,593	4,077
Illinois.....	10,789	1,162	1,338	2,778	5,154
Michigan.....	3,568	854	6,587	1,966	12,647
Wisconsin.....	5,121	1,024	3,102	4,293	4,334
West North Central:					
Minnesota.....	9,262	1,170	2,011	4,078	4,656
Iowa.....	11,148	1,370	209	4,821	5,604
Missouri.....	6,133	1,308	646	2,600	3,586
North Dakota.....	9,667	408	1,962	2,169	3,418
South Dakota.....	7,721	432	91	2,655	3,532
Nebraska.....	9,263	677	259	3,168	2,980
Kansas.....	10,417	808	216	2,931	2,568
South Atlantic:					
Delaware.....	269	42	509	43	968
Maryland.....	851	197	997	358	2,522
Virginia.....	1,663	739	2,934	1,179	7,693
West Virginia.....	456	323	808	329	2,238
North Carolina.....	2,458	1,539	2,320	530	21,398
South Carolina.....	1,435	593	2,465	271	11,089
Georgia.....	2,313	770	1,179	643	16,270
Florida.....	620	362	15,874	232	22,204
South Central:					
Kentucky.....	2,016	1,154	344	1,646	5,250
Tennessee.....	2,091	1,224	698	846	2,958
Alabama.....	1,808	839	1,229	461	6,204
Mississippi.....	2,459	962	258	538	18,231
Arkansas.....	3,173	693	656	747	11,583
Louisiana.....	1,343	569	678	384	11,524
Oklahoma.....	4,541	731	112	1,488	5,239
Texas.....	11,174	1,724	3,699	1,565	22,060
Western:					
Montana.....	4,507	240	185	1,624	4,940
Idaho.....	2,074	281	6,852	1,595	3,443
Wyoming.....	995	77	69	738	685
Colorado.....	3,142	269	4,120	1,465	4,205
New Mexico.....	582	129	617	556	2,159
Arizona.....	602	58	6,012	972	11,616
Utah.....	580	134	417	703	1,774
Nevada.....	222	18	150	316	304
Washington.....	2,134	416	2,634	1,042	10,915
Oregon.....	1,388	350	2,484	946	9,280
California.....	3,642	785	35,697	4,391	69,730
United States.....	158,978	28,383	142,205	66,706	394,900

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1962 (Continued)

State and area	Miscellaneous operating supplies (continued)					Total
	Veterinary medicines <u>10/</u>	Greenhouse & nursery supplies	Dairy supplies <u>11/</u>	Harness and saddlery		
	\$1,000					
<b>North Atlantic:</b>						
Maine.....	\$1,608	\$228	\$400	\$21	\$14,819	
New Hampshire.....	306	199	240	10	2,157	
Vermont.....	658	35	1,006	26	4,501	
Massachusetts.....	484	1,698	440	13	6,268	
Rhode Island.....	71	150	56	3	896	
Connecticut.....	644	1,167	404	10	5,153	
New York.....	3,406	5,865	4,644	124	48,382	
New Jersey.....	556	2,250	627	21	14,859	
Pennsylvania.....	3,485	4,243	3,362	150	31,796	
<b>East North Central:</b>						
Ohio.....	3,375	6,370	2,248	192	30,831	
Indiana.....	4,751	1,952	1,277	137	21,918	
Illinois.....	5,989	3,769	1,892	192	33,063	
Michigan.....	1,740	3,424	2,333	96	33,215	
Wisconsin.....	5,132	1,444	7,052	155	31,657	
<b>West North Central:</b>						
Minnesota.....	5,361	1,599	4,298	158	32,593	
Iowa.....	9,886	2,397	2,344	228	38,007	
Missouri.....	5,051	1,270	1,421	280	22,295	
North Dakota.....	1,077	333	629	158	19,821	
South Dakota.....	2,250	148	527	161	17,517	
Nebraska.....	3,243	255	740	181	20,766	
Kansas.....	2,445	362	841	186	20,774	
<b>South Atlantic:</b>						
Delaware.....	1,952	254	79	8	4,124	
Maryland.....	2,782	775	899	41	9,422	
Virginia.....	2,269	691	1,069	233	18,470	
West Virginia.....	813	250	238	104	5,559	
North Carolina.....	5,317	532	784	401	35,279	
South Carolina.....	973	116	310	186	17,438	
Georgia.....	8,621	235	542	192	30,765	
Florida.....	930	1,478	675	72	42,447	
<b>South Central:</b>						
Kentucky.....	1,585	339	1,028	401	13,763	
Tennessee.....	1,839	486	937	378	11,457	
Alabama.....	5,159	277	485	259	16,721	
Mississippi.....	3,590	58	573	381	27,050	
Arkansas.....	5,422	188	333	212	23,007	
Louisiana.....	1,088	381	354	236	16,557	
Oklahoma.....	1,163	126	560	236	14,196	
Texas.....	5,438	3,221	1,272	629	50,782	
<b>Western:</b>						
Montana.....	480	76	181	236	12,469	
Idaho.....	561	131	701	135	15,773	
Wyoming.....	238	25	67	135	3,039	
Colorado.....	580	620	414	181	14,996	
New Mexico.....	273	18	131	148	4,613	
Arizona.....	262	262	418	140	20,342	
Utah.....	361	86	365	83	4,503	
Nevada.....	101	1	75	52	1,239	
Washington.....	874	641	1,007	98	19,761	
Oregon.....	705	616	592	116	16,477	
California.....	3,574	2,463	6,310	205	126,797	
United States.....	118,478	53,504	57,180	8,000	1,028,334	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1962 (Continued)

State and area	Cash expenditures for capital items 12/			
	Building materials 13/	Tractors	Trucks	Automobiles 14/
<u>1,000</u>				
North Atlantic:				
Maine.....	\$6,099	\$2,527	\$2,788	\$2,252
New Hampshire.....	3,065	938	1,096	889
Vermont.....	6,014	2,368	1,609	1,722
Massachusetts.....	8,601	1,714	1,986	1,602
Rhode Island.....	1,435	235	308	214
Connecticut.....	7,589	1,593	1,774	1,369
New York.....	41,116	19,696	10,709	12,192
New Jersey.....	14,549	3,512	3,371	2,430
Pennsylvania.....	46,734	20,561	11,496	14,821
East North Central:				
Ohio.....	70,428	29,072	13,131	21,154
Indiana.....	61,961	26,540	14,202	18,379
Illinois.....	68,282	41,191	18,309	22,584
Michigan.....	48,743	24,115	12,192	17,105
Wisconsin.....	56,222	33,292	14,587	20,058
West North Central:				
Minnesota.....	53,272	39,178	16,655	22,383
Iowa.....	58,686	46,569	16,068	26,867
Missouri.....	50,407	27,202	17,667	19,770
North Dakota.....	17,096	17,192	12,153	8,724
South Dakota.....	16,144	16,425	8,420	8,700
Nebraska.....	26,681	24,892	13,439	14,439
Kansas.....	26,809	24,665	19,698	15,517
South Atlantic:				
Delaware.....	3,535	1,173	855	784
Maryland.....	18,053	5,296	3,417	3,713
Virginia.....	37,090	10,673	9,343	10,205
West Virginia.....	8,379	3,124	3,979	4,012
North Carolina.....	48,074	19,977	14,674	20,155
South Carolina.....	15,282	6,908	6,297	8,581
Georgia.....	23,069	12,697	11,723	11,562
Florida.....	16,148	5,088	5,866	5,483
South Central:				
Kentucky.....	36,995	14,689	12,071	15,267
Tennessee.....	32,352	13,891	12,377	14,985
Alabama.....	21,335	9,596	10,214	9,939
Mississippi.....	22,792	11,991	11,514	10,711
Arkansas.....	19,953	11,910	11,782	7,616
Louisiana.....	16,747	7,560	7,595	7,162
Oklahoma.....	19,715	14,533	14,923	10,807
Texas.....	48,587	38,099	31,857	27,582
Western:				
Montana.....	11,963	8,452	8,502	4,563
Idaho.....	10,723	8,091	7,084	5,011
Wyoming.....	4,062	2,945	2,614	1,504
Colorado.....	13,663	9,098	8,333	5,219
New Mexico.....	3,457	2,436	3,265	1,824
Arizona.....	2,807	1,909	2,707	1,267
Utah.....	5,620	3,097	2,945	2,606
Nevada.....	1,256	753	728	386
Washington.....	21,119	8,965	9,695	7,998
Oregon.....	15,105	8,058	7,879	6,201
California.....	61,076	20,934	21,103	16,636
United States.....	1,228,890	665,420	455,000	474,950

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1962 (Continued)

State and area	Cash expenditures for capital items (continued)			Grand total-- all supplies and equipment
	Other	Total capital		
	machinery & equipment	expenditures	excluding labor	
<u>1,000</u>				
North Atlantic:				
Maine.....	\$6,775	\$20,441		\$113,713
New Hampshire.....	1,255	7,243		37,277
Vermont.....	4,014	15,727		71,473
Massachusetts.....	4,140	18,043		80,638
Rhode Island.....	752	2,944		13,466
Connecticut.....	3,387	15,712		77,458
New York.....	34,751	118,464		476,906
New Jersey.....	8,908	32,770		147,219
Pennsylvania.....	34,124	127,736		478,872
East North Central:				
Ohio.....	44,036	177,821		566,277
Indiana.....	44,788	165,870		592,100
Illinois.....	86,565	236,931		879,504
Michigan.....	37,637	139,792		386,065
Wisconsin.....	59,090	183,249		548,729
West North Central:				
Minnesota.....	77,031	208,519		677,420
Iowa.....	88,572	236,762		1,027,515
Missouri.....	35,630	150,676		531,359
North Dakota.....	50,183	105,348		263,949
South Dakota.....	45,414	95,103		288,477
Nebraska.....	60,722	140,173		505,600
Kansas.....	64,109	150,798		460,694
South Atlantic:				
Delaware.....	2,007	8,354		63,128
Maryland.....	9,032	39,511		169,232
Virginia.....	13,675	80,986		269,012
West Virginia.....	3,262	22,756		68,523
North Carolina.....	17,690	120,570		466,846
South Carolina.....	8,532	45,600		175,633
Georgia.....	13,675	72,726		431,421
Florida.....	9,032	41,617		286,732
South Central:				
Kentucky.....	15,305	94,327		271,280
Tennessee.....	15,305	88,910		263,485
Alabama.....	9,284	60,368		294,967
Mississippi.....	12,169	69,177		289,181
Arkansas.....	13,298	64,559		309,698
Louisiana.....	10,037	49,101		178,791
Oklahoma.....	29,984	89,962		288,652
Texas.....	68,123	214,248		862,248
Western:				
Montana.....	25,468	58,948		169,853
Idaho.....	20,575	51,484		212,550
Wyoming.....	7,277	18,402		55,531
Colorado.....	26,722	63,035		247,124
New Mexico.....	6,650	17,632		69,973
Arizona.....	6,901	15,591		142,757
Utah.....	5,646	19,914		81,024
Nevada.....	1,631	4,754		19,575
Washington.....	24,966	72,743		258,999
Oregon.....	16,937	54,180		189,700
California.....	69,504	189,253		1,188,029
United States.....	1,254,570	4,078,830		15,548,655

See Table 1, page 2 for source of data and footnotes.

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CASH EXPENDITURES FOR PRODUCTION SUPPLIES  
AND EQUIPMENT BY FARM OPERATORS,  
BY STATES, 1961 (Revised)

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Annual Special Report

U.S. DEPARTMENT OF AGRICULTURE  
Farmer Cooperative Service  
Purchasing Division  
Farm Supplies Branch

September 1963

ESTIMATES OF CASH EXPENDITURES FOR PRODUCTION SUPPLIES AND EQUIPMENT BY FARM OPERATORS, BY STATES, 1961 (Revised)

The following tables were prepared from basic data on production expenses of farm operators developed by the Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Such production expenses were presented in preliminary form in the July 26, 1962 issue of The Farm Income Situation, and in revised form in the July 25, 1963 issue of The Farm Income Situation, FIS-191.

In preparing estimates of cash expenditures for production supplies and equipment from these data, estimates of amounts spent for labor or services and other nonsupply items used in farm production were excluded. The totals of such items for the United States are shown in table 2, and the basis for excluding specified items is included in the footnotes to tables 1 and 2.

Although estimates for some items were made from limited data, they were based on the best information currently available and should prove useful in making analyses and determining trends on a State and regional basis.

Table 1.--Estimated Cash Expenditures for Production Supplies and Equipment by Farm Operators,  
United States, 1961 (Revised)

Item	1961
	<u>Thousands</u>
<b>Feed, seed, fertilizer and lime:</b>	
Feed <u>1/</u> .....	\$5,163,600
Seed <u>2/</u> .....	536,417
Fertilizer and lime <u>3/</u> .....	<u>1,530,886</u>
Total.....	7,230,903
<b>Repairs and operation of capital items:</b>	
Building materials <u>4/</u> (see expenditures for capital items below).....	456,000
Petroleum fuel and oil for motor vehicles <u>5/</u> .....	1,546,127
Repair parts, tires and batteries for motor vehicles <u>6/</u> .....	468,762
Repair parts and tires for other farm machinery <u>7/</u> .....	<u>237,949</u>
Total.....	2,708,838
<b>Miscellaneous operating supplies:</b>	
Miscellaneous hardware <u>8/</u> .....	160,690
Small hand tools.....	28,693
Containers.....	141,057
Binding materials.....	67,177
Pesticides <u>9/</u> .....	308,800
Veterinary medicines <u>10/</u> .....	122,525
Greenhouse and nursery supplies.....	51,552
Dairy supplies <u>11/</u> .....	55,561
Harness and saddlery.....	<u>8,000</u>
Total.....	<u>944,055</u>
Total current operating supplies and equipment.....	10,883,796
<b>Cash expenditures for capital items: <u>12/</u></b>	
Building materials <u>13/</u> .....	1,176,855
Tractors.....	598,400
Trucks.....	479,750
Automobiles <u>14/</u> .....	349,770
Other farm machinery and equipment.....	<u>1,234,640</u>
Total capital items.....	<u>3,839,415</u>
Grand total - all supplies and equipment.....	14,723,211

1-14/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Excludes estimates of farmers cash expenditures for labor or services and other nonsupply items used in farm production.

Note: Cash expenditures by farmers for services and other nonsupply items were \$12,124 million in 1961 (see table 2). Thus, total cash expenditures for both supply and nonsupply items by U.S. farm operators for production purposes totaled \$26,847 million in 1961. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$27,091 million in 1961.

Cash receipts from farming totaled \$34,886 million in 1961. Cash expenditures for production supplies and equipment, therefore, were equivalent to 42.2 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supplies and services, accounted for 77 percent of cash receipts from farming in 1961.

See Farm Income Situation, July 25, 1963, Economic Research Service, U.S. Department of Agriculture.

Footnotes for Table 1

1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stockyards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by a tenant to his landlord for feed grown on the tenant farm were to be excluded."

2/ Includes seed transactions among farmers estimated at 10 percent of total.

3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.

4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total expenditures for repairs and maintenance of farm buildings.

5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."

6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 31 percent of repair expenses for automobiles, 34 percent for trucks, and 61 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U.S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.

7/ Excludes labor estimated at 43 percent of total repair business.

8/ Includes blacksmithing and horseshoeing expense.

9/ Pesticides do not contain about \$45 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.

10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$45 million.

11/ Excludes dairy equipment. It is included with "Other machinery and equipment."

12/ Compiled by Farmer Cooperative Service as follows: The ratio of U.S. total farm depreciation and other capital consumption to the U.S. total gross farm capital expenditures was applied to the State data on depreciation and other capital consumption.

13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials and plumbing equipment; also fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 25 percent of total.

14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.

Table 2.--Estimated Cash Expenditures for Services and Other Nonsupply Production Items by Farm Operators, United States, 1961 (Revised)

Item	1961
	<u>Thousands</u>
<b>Livestock, labor, taxes, interest, and rent:</b>	
Livestock purchased.....	\$2,766,000
Hired labor <u>1/</u> .....	2,574,000
Taxes on farm property.....	1,638,000
Interest on farm mortgage debt.....	680,000
Net rent to nonfarm landlords.....	<u>2/</u> 1,081,000
Total.....	8,739,000
<b>Miscellaneous current operating expenses:</b>	
Fire, wind, and crop hail insurance.....	163,266
Veterinary fees <u>3/</u> .....	52,511
Hired hauling of milk.....	192,851
Ginning.....	240,832
Crop insurance - FCIC.....	(538)
Tolls for sugar cane and sorgo syrup.....	2,242
Short-term interest on non-real-estate debts.....	704,969
Electricity.....	156,634
Grazing permits.....	9,386
Irrigation.....	108,606
Telephones.....	141,123
Marketing livestock charges.....	<u>121,539</u>
Total.....	1,893,421
<b>Repairs and operation of capital items:</b>	
Labor for repair of motor vehicles <u>4/</u> .....	473,016
Insurance & license fees for motor vehicles.....	294,532
Labor for repair of other farm machinery <u>5/</u> .....	179,506
Labor for repair of buildings <u>6/</u> .....	<u>152,000</u>
Total.....	1,099,054
<b>Expenditures for new capital items: <u>7/</u></b>	
Labor for new buildings <u>8/</u> .....	<u>392,285</u>
Grand total--all services and other nonsupply items.....	12,123,760

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating" was \$3,019 million because perquisites were included.)

2/ Net rent was \$1,023 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

3/ Estimated to represent 30 percent of total for medicines and service fees.

4/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 31 percent for automobiles, 34 percent for trucks, and 61 percent for tractors.

5/ Estimated to represent 43 percent of total for parts, tires, and labor.

6/ Estimated to represent 25 percent of total for building materials and labor.

7/ Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

8/ Estimated to represent 25 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operators' dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Source of Data: Farm Income Branch, Economic Research Service, U.S. Department of Agriculture. Excludes estimates of farmers' cash expenditures for supplies and equipment used in farm production.

Note: Cash expenditures for farm supply and equipment items were \$14,723 million in 1961 (see table 1). Thus, total cash expenditures for both supply and nonsupply items by U.S. farm operators for production purposes totaled \$26,847 million in 1961. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "Production expenditures," plus other minor changes, totaled \$27,091 million in 1961. See Farm Income Situation, July 25, 1963. Economic Research Service, USDA.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1961 (Revised)

State and area	Feed, seed, and fertilizer and lime				Total
	Feed 1/	Seed 2/	Fertilizer and lime 3/		
	<u>Millions</u>				
<b>North Atlantic:</b>					
Maine.....	\$48.6	\$2.6	\$9.9		\$61.1
New Hampshire.....	18.8	0.4	1.3		20.5
Vermont.....	42.7	1.0	3.4		47.1
Massachusetts.....	37.5	2.8	4.3		44.6
Rhode Island.....	4.8	0.6	0.9		6.3
Connecticut.....	37.9	3.5	5.5		46.9
New York.....	200.4	17.7	37.7		255.8
New Jersey.....	63.3	7.4	11.7		82.4
Pennsylvania.....	192.9	14.0	36.9		243.8
<b>East North Central:</b>					
Ohio.....	147.4	22.7	55.2		225.3
Indiana.....	184.2	20.4	75.2		279.8
Illinois.....	261.5	38.4	105.2		405.1
Michigan.....	72.0	15.6	43.2		130.8
Wisconsin.....	161.4	20.0	37.4		218.8
<b>West North Central:</b>					
Minnesota.....	203.6	28.4	42.0		274.0
Iowa.....	432.2	39.9	67.0		539.1
Missouri.....	190.6	17.1	56.8		264.5
North Dakota.....	21.6	13.9	13.0		48.5
South Dakota.....	64.3	10.2	5.2		79.7
Nebraska.....	171.6	14.8	49.0		235.4
Kansas.....	141.2	22.2	24.7		188.1
<b>South Atlantic:</b>					
Delaware.....	37.6	1.6	4.6		43.8
Maryland.....	67.9	4.7	15.6		88.2
Virginia.....	68.5	7.5	36.8		112.8
West Virginia.....	21.1	1.7	4.3		27.1
North Carolina.....	114.8	9.3	78.5		202.6
South Carolina.....	30.9	4.4	35.1		70.4
Georgia.....	160.0	8.9	85.6		254.5
Florida.....	76.7	11.0	73.7		161.4
<b>South Central:</b>					
Kentucky.....	59.5	8.1	31.9		99.5
Tennessee.....	59.8	8.3	35.2		103.3
Alabama.....	100.6	6.8	51.6		159.0
Mississippi.....	88.5	7.8	39.0		135.3
Arkansas.....	122.0	9.8	26.3		158.1
Louisiana.....	46.2	4.0	20.7		70.9
Oklahoma.....	105.8	11.5	13.9		131.2
Texas.....	320.1	37.0	53.6		410.7
<b>Western:</b>					
Montana.....	24.8	4.6	17.3		46.7
Idaho.....	42.3	8.1	59.2		109.6
Wyoming.....	20.3	1.1	1.3		22.7
Colorado.....	110.0	8.5	8.6		127.1
New Mexico.....	37.1	2.2	3.0		42.3
Arizona.....	49.0	4.2	15.2		68.4
Utah.....	30.4	2.1	3.4		35.9
Nevada.....	7.3	0.5	0.1		7.9
Washington.....	78.6	8.4	20.1		107.1
Oregon.....	58.6	7.0	15.7		81.3
California.....	526.7	33.7	95.1		655.5
United States.....	5,163.6	536.4	1,530.9		7,230.9

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1961 (Continued)

State and area	Repairs and operation of capital items				
	Petroleum : Repair parts, : Repair parts :				
	Building	fuel and	tires, and	& tires for	
	materials	oil for	batteries	other farm	Total
	4/	motor	for motor	machinery	
		vehicles 5/	vehicles 6/	7/	
					<u>Thousands</u>
North Atlantic:					
Maine.....	\$2,174	\$6,146	\$2,136	\$1,285	\$11,741
New Hampshire.....	1,114	1,996	739	238	4,087
Vermont.....	2,135	4,611	1,410	762	8,918
Massachusetts.....	3,151	5,142	1,520	785	10,598
Rhode Island.....	552	649	234	142	1,577
Connecticut.....	2,965	3,898	1,411	642	8,916
New York.....	14,683	36,479	10,871	6,591	68,624
New Jersey.....	5,232	10,066	2,893	1,690	19,881
Pennsylvania.....	15,919	35,478	11,465	6,472	69,334
East North Central:					
Ohio.....	26,072	52,779	15,302	8,352	102,505
Indiana.....	22,534	52,274	16,135	8,495	99,438
Illinois.....	27,350	95,576	24,415	16,418	163,759
Michigan.....	18,893	40,350	12,484	7,139	78,866
Wisconsin.....	22,010	55,156	15,766	11,207	104,139
West North Central:					
Minnesota.....	21,769	80,411	20,210	14,610	137,000
Iowa.....	22,194	91,699	24,611	16,799	155,303
Missouri.....	17,937	49,247	17,744	6,758	91,686
North Dakota.....	6,989	54,932	11,872	9,518	83,311
South Dakota.....	6,065	44,876	10,147	8,614	69,702
Nebraska.....	10,031	63,461	15,687	11,517	100,696
Kansas.....	9,884	65,382	18,882	12,159	106,307
South Atlantic:					
Delaware.....	1,329	2,757	877	381	5,344
Maryland.....	6,627	11,334	3,420	1,713	23,094
Virginia.....	12,590	19,839	7,976	2,594	42,999
West Virginia.....	3,064	4,354	2,688	618	10,724
North Carolina.....	17,091	46,713	13,455	3,355	80,614
South Carolina.....	5,726	18,466	6,174	1,618	31,984
Georgia.....	8,427	31,348	10,951	2,594	53,320
Florida.....	5,590	18,106	6,404	1,713	31,813
South Central:					
Kentucky.....	13,238	22,495	10,779	2,903	49,415
Tennessee.....	12,610	21,806	10,744	2,903	48,063
Alabama.....	7,219	18,764	8,396	1,760	36,139
Mississippi.....	8,137	27,558	11,338	2,308	49,341
Arkansas.....	6,247	32,353	10,721	2,522	51,843
Louisiana.....	5,626	20,408	7,980	1,904	35,918
Oklahoma.....	7,817	31,474	12,282	5,687	57,260
Texas.....	18,581	121,353	34,018	12,921	186,873
Western:					
Montana.....	4,495	28,503	7,597	4,830	45,425
Idaho.....	3,947	21,997	6,712	3,902	36,558
Wyoming.....	1,502	8,765	2,267	1,380	13,914
Colorado.....	5,018	26,974	7,624	5,069	44,685
New Mexico.....	1,276	10,369	2,780	1,261	15,686
Arizona.....	1,037	12,616	2,853	1,309	17,815
Utah.....	2,092	8,794	2,497	1,071	14,454
Nevada.....	466	2,499	663	310	3,938
Washington.....	8,081	24,528	8,831	4,735	46,175
Oregon.....	5,583	20,540	7,022	3,213	36,358
California.....	22,931	80,806	25,779	13,182	142,698
United States.....	456,000	1,546,127	468,762	237,949	2,708,838

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1961 (Continued)

State and area	Miscellaneous operating supplies					<u>Thousands</u>
	Miscellaneous	Small hand tools	Containers	Binding materials	Pesticides 9/	
	hardware 8/					
North Atlantic:						
Maine.....	\$362	\$128	\$5,730	\$362	\$4,831	
New Hampshire.....	109	57	505	160	620	
Vermont.....	425	99	269	747	1,040	
Massachusetts.....	144	101	2,004	239	1,382	
Rhode Island.....	17	10	302	26	230	
Connecticut.....	126	78	1,171	200	1,317	
New York.....	2,579	588	9,143	3,677	13,848	
New Jersey.....	338	137	5,301	301	4,465	
Pennsylvania.....	2,594	728	4,120	2,576	9,362	
East North Central:						
Ohio.....	4,817	1,037	2,690	2,080	6,588	
Indiana.....	5,660	898	1,325	1,686	3,188	
Illinois.....	10,607	1,069	1,172	2,790	4,030	
Michigan.....	3,618	803	7,480	1,926	9,890	
Wisconsin.....	5,066	885	1,485	3,784	3,389	
West North Central:						
Minnesota.....	10,056	974	1,837	3,942	3,641	
Iowa.....	11,153	1,196	176	4,339	4,383	
Missouri.....	6,210	1,329	857	3,066	2,804	
North Dakota.....	9,055	361	1,785	1,509	2,673	
South Dakota.....	7,637	373	60	1,627	2,762	
Nebraska.....	9,170	632	459	2,727	2,330	
Kansas.....	10,700	709	185	2,732	2,008	
South Atlantic:						
Delaware.....	268	38	608	57	757	
Maryland.....	828	205	1,137	498	1,972	
Virginia.....	1,679	847	3,204	1,206	6,016	
West Virginia.....	457	379	1,049	367	1,750	
North Carolina.....	2,646	1,676	1,977	643	16,732	
South Carolina.....	1,538	746	2,515	322	8,672	
Georgia.....	2,457	962	1,397	721	12,723	
Florida.....	588	394	13,143	248	17,362	
South Central:						
Kentucky.....	2,018	1,158	371	1,591	4,105	
Tennessee.....	2,182	1,233	668	1,078	2,313	
Alabama.....	1,902	999	1,465	532	4,851	
Mississippi.....	2,508	1,182	169	658	14,256	
Arkansas.....	3,086	822	956	923	9,058	
Louisiana.....	1,291	695	631	463	9,011	
Oklahoma.....	5,060	683	126	1,423	4,097	
Texas.....	11,838	1,783	3,030	1,745	17,251	
Western:						
Montana.....	4,099	212	174	1,233	3,863	
Idaho.....	2,057	246	7,221	1,538	2,692	
Wyoming.....	939	70	87	725	535	
Colorado.....	3,360	260	3,399	1,435	3,288	
New Mexico.....	626	129	723	527	1,688	
Arizona.....	634	63	6,004	1,127	9,083	
Utah.....	557	145	389	663	1,387	
Nevada.....	182	18	63	265	238	
Washington.....	2,301	405	2,511	1,085	8,535	
Oregon.....	1,478	335	2,049	966	7,257	
California.....	3,668	816	37,935	4,642	54,527	
United States.....	160,690	28,693	141,057	67,177	308,800	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1961 (Continued)

State and area	Miscellaneous operating supplies (continued)					Total
	Veterinary medicines <sup>10/</sup>	Greenhouse & nursery supplies	Dairy supplies <sup>11/</sup>	Harness and saddlery		
	<u>Thousands</u>					
<b>North Atlantic:</b>						
Maine.....	\$1,622	\$218	\$389	\$21	\$13,663	
New Hampshire.....	311	192	195	10	2,159	
Vermont.....	678	33	968	26	4,285	
Massachusetts.....	498	1,636	390	13	6,407	
Rhode Island.....	75	144	60	3	867	
Connecticut.....	735	1,125	403	10	5,165	
New York.....	3,497	5,653	4,821	124	43,930	
New Jersey.....	592	2,168	543	21	13,866	
Pennsylvania.....	3,604	4,088	3,497	150	30,719	
<b>East North Central:</b>						
Ohio.....	3,477	6,139	2,580	192	29,600	
Indiana.....	4,843	1,880	1,510	137	21,127	
Illinois.....	6,152	3,632	1,893	192	31,537	
Michigan.....	1,788	3,301	2,391	96	31,293	
Wisconsin.....	5,359	1,391	7,234	155	28,748	
<b>West North Central:</b>						
Minnesota.....	5,597	1,541	4,550	158	32,296	
Iowa.....	10,061	2,308	2,675	228	36,519	
Missouri.....	5,277	1,223	1,555	280	22,601	
North Dakota.....	1,158	319	692	158	17,710	
South Dakota.....	2,324	142	577	161	15,663	
Nebraska.....	3,359	247	815	181	19,920	
Kansas.....	2,448	349	906	186	20,223	
<b>South Atlantic:</b>						
Delaware.....	1,987	245	97	8	4,065	
Maryland.....	2,745	746	741	41	8,913	
Virginia.....	2,355	665	1,029	233	17,234	
West Virginia.....	881	241	305	104	5,533	
North Carolina.....	5,435	514	770	401	30,794	
South Carolina.....	1,061	112	249	186	15,401	
Georgia.....	8,809	225	462	192	27,948	
Florida.....	1,025	1,424	510	72	34,766	
<b>South Central:</b>						
Kentucky.....	1,658	327	1,095	401	12,724	
Tennessee.....	1,866	468	996	378	11,182	
Alabama.....	5,135	267	416	259	15,826	
Mississippi.....	3,835	56	502	381	23,547	
Arkansas.....	5,596	181	367	212	21,201	
Louisiana.....	1,194	367	348	236	14,236	
Oklahoma.....	1,200	121	587	236	13,533	
Texas.....	5,792	3,105	1,190	629	46,363	
<b>Western:</b>						
Montana.....	514	73	196	236	10,600	
Idaho.....	587	127	797	135	15,400	
Wyoming.....	261	24	84	135	2,860	
Colorado.....	599	597	380	181	13,499	
New Mexico.....	281	18	110	148	4,250	
Arizona.....	272	252	209	140	17,784	
Utah.....	395	84	391	83	4,094	
Nevada.....	108	1	50	52	977	
Washington.....	882	616	979	98	17,412	
Oregon.....	763	594	534	116	14,092	
California.....	3,834	2,373	3,523	205	111,523	
United States.....	122,525	51,552	55,561	8,000	944,055	

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators,  
by States, 1961 (Continued)

State and area	Cash expenditures for capital items 12/			
	Building materials 13/	Tractors	Trucks	Automobiles 14/
	<u>Thousands</u>			
<b>North Atlantic:</b>				
Maine.....	\$5,536	\$2,273	\$2,940	\$1,658
New Hampshire.....	2,847	844	1,155	654
Vermont.....	5,323	2,129	1,696	1,267
Massachusetts.....	7,950	1,542	2,094	1,180
Rhode Island.....	1,390	211	325	158
Connecticut.....	7,517	1,432	1,870	1,008
New York.....	39,446	17,713	11,291	8,979
New Jersey.....	13,673	3,158	3,555	1,790
Pennsylvania.....	41,691	18,490	12,121	10,915
<b>East North Central:</b>				
Ohio.....	67,372	26,144	13,845	15,580
Indiana.....	58,081	23,866	14,974	13,535
Illinois.....	67,788	37,042	19,305	16,631
Michigan.....	48,999	21,687	12,855	12,596
Wisconsin.....	54,415	29,938	15,382	14,772
<b>West North Central:</b>				
Minnesota.....	55,246	35,233	17,561	16,484
Iowa.....	54,848	41,878	16,941	19,786
Missouri.....	47,496	24,462	18,628	14,558
North Dakota.....	17,194	15,461	12,814	6,424
South Dakota.....	15,218	14,771	8,878	6,407
Nebraska.....	25,166	22,386	14,170	10,634
Kansas.....	25,751	22,180	20,770	11,427
<b>South Atlantic:</b>				
Delaware.....	3,424	1,055	902	578
Maryland.....	17,233	4,764	3,602	2,735
Virginia.....	33,436	9,598	9,852	7,515
West Virginia.....	7,987	2,809	4,195	2,955
North Carolina.....	44,858	17,963	15,472	14,842
South Carolina.....	15,580	6,214	6,641	6,319
Georgia.....	21,962	11,418	12,360	8,514
Florida.....	14,560	4,575	6,185	4,038
<b>South Central:</b>				
Kentucky.....	33,992	13,209	12,728	11,243
Tennessee.....	32,706	12,492	13,050	11,035
Alabama.....	19,084	8,629	10,770	7,319
Mississippi.....	21,739	10,783	12,141	7,888
Arkansas.....	16,857	10,710	12,423	5,610
Louisiana.....	15,113	6,799	8,008	5,275
Oklahoma.....	19,976	13,070	15,735	7,959
Texas.....	49,535	34,262	33,590	20,312
<b>Western:</b>				
Montana.....	11,292	7,602	8,964	3,361
Idaho.....	10,340	7,276	7,469	3,690
Wyoming.....	3,848	2,649	2,757	1,108
Colorado.....	13,066	8,181	8,785	3,844
New Mexico.....	3,265	2,190	3,443	1,344
Arizona.....	2,672	1,717	2,855	933
Utah.....	5,481	2,785	3,104	1,919
Nevada.....	1,177	677	768	284
Washington.....	21,112	8,061	10,222	5,890
Oregon.....	14,711	7,246	8,308	4,566
California.....	58,902	18,826	22,251	12,251
United States.....	1,176,855	598,400	479,750	349,770

See Table 1, page 2 for source of data and footnotes.

Table 3.--Estimated Cash Expenditures for Farm Production Supplies and Equipment by Farm Operators, by States, 1961 (Continued)

State and area	Cash expenditures for capital items (continued)			Grand total-- all supplies and equipment
	Other	Total capital		
	machinery	expenditures		
	& equipment	excluding labor		
<u>Thousands</u>				
North Atlantic:				
Maine.....	\$6,667	\$19,074		\$105,553
New Hampshire.....	1,235	6,735		33,424
Vermont.....	3,950	14,365		74,678
Massachusetts.....	4,075	16,841		78,468
Rhode Island.....	741	2,825		11,562
Connecticut.....	3,333	15,160		76,162
New York.....	34,199	111,628		480,016
New Jersey.....	8,766	30,942		147,112
Pennsylvania.....	33,582	116,799		460,654
East North Central:				
Ohio.....	43,336	166,277		523,707
Indiana.....	44,076	154,532		554,870
Illinois.....	85,190	225,956		826,309
Michigan.....	37,039	133,176		374,152
Wisconsin.....	58,152	172,659		524,335
West North Central:				
Minnesota.....	75,807	200,331		643,594
Iowa.....	87,165	220,618		951,555
Missouri.....	35,064	140,208		519,007
North Dakota.....	49,386	101,279		250,857
South Dakota.....	44,694	89,968		254,994
Nebraska.....	59,757	132,113		488,104
Kansas.....	63,090	143,218		457,842
South Atlantic:				
Delaware.....	1,975	7,934		61,186
Maryland.....	8,889	37,223		157,471
Virginia.....	13,458	73,859		246,888
West Virginia.....	3,210	21,156		64,546
North Carolina.....	17,408	110,543		424,520
South Carolina.....	8,396	43,150		160,941
Georgia.....	13,458	67,712		403,454
Florida.....	8,889	38,247		266,182
South Central:				
Kentucky.....	15,062	86,234		247,878
Tennessee.....	15,062	84,345		246,864
Alabama.....	9,137	54,939		265,863
Mississippi.....	11,976	64,527		272,763
Arkansas.....	13,087	58,687		289,820
Louisiana.....	9,877	45,072		166,163
Oklahoma.....	29,508	86,248		288,250
Texas.....	67,041	204,740		848,653
Western:				
Montana.....	25,064	56,283		158,967
Idaho.....	20,248	49,023		210,628
Wyoming.....	7,161	17,523		56,998
Colorado.....	26,298	60,174		245,414
New Mexico.....	6,544	16,786		79,021
Arizona.....	6,791	14,968		118,982
Utah.....	5,556	18,845		73,323
Nevada.....	1,605	4,511		17,339
Washington.....	24,569	69,854		240,513
Oregon.....	16,668	51,499		183,287
California.....	68,399	180,629		1,090,342
United States.....	1,234,640	3,839,415		14,723,211

See Table 1, page 2 for source of data and footnotes.